

Altera Law Group, LLC**Declaration and Power of Attorney Patent Application
(Design or Utility)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
POLARIZATION BEAM SEPARATOR AND COMBINER

the specification of which

- ☒ is referred to by Altera reference number 980.1078US01 on a separate document
☐ is attached hereto
☐ was filed on _____ as application serial no. _____ and or PCT International
Application number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information know to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 35 U.S.C. §365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate of PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)		
Number	Country	Day/Month/Year Filed
Number	Country	Day/Month/Year Filed
Number	Country	Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s)	
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under 35 U.S.C. §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Prior U.S. or International Application(s)		
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

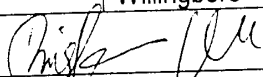
Steven R. Funk Reg. No. 37,830
David W. Lynch Reg. No. 36,204
Karen D. McDaniel Reg. No. 37,674
Michael T. Wallace Reg. No. 45,420

Mark A. Hollingsworth Reg. No. 38,491
Michael B. Lasky Reg. No. 29,555
Iain A. McIntyre Reg. No. 40,337

I hereby authorize them or others whom they may appoint to act and rely on instructions from and communicate directly with the person/organization who/which first sends this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Altera Law Group, LLC otherwise.

Please direct all correspondence in this case to Altera Law Group, LLC at the address indicated below:

Iain A. McIntyre
Altera Law Group, LLC
6500 City West Parkway - Suite 100
Minneapolis, MN 55344-7701

Full Name of Sole or First Inventor		
Family Name Wu	First Given Name Pingfan	Second Given Name P.
Residence and Citizenship		
City of Residence Willingboro	State or Country of Residence New Jersey	Country of Citizenship Republic of China
Post Office Address		
Street Address 29 Harrison Drive	City Willingboro	State & Zip Code or Country New Jersey 08046--USA
Signature of Inventor 		Date October 8, 2001

Full Name of Second Inventor, if any		
Family Name Lu	First Given Name Liang-Ju	Second Given Name
Residence and Citizenship		
City of Residence Eden Prairie	State or Country of Residence Minnesota	Country of Citizenship USA
Post Office Address		
Street Address 15815 Scenic Heights Road	City Eden Prairie	State & Zip Code or Country Minnesota 55344--USA
Signature of Inventor		Date

Full Name of Third Inventor, if any		
Family Name Yang	First Given Name Zhicheng	Second Given Name
Residence and Citizenship		
City of Residence Burnsville	State or Country of Residence Minnesota	Country of Citizenship Republic of China
Post Office Address		
Street Address 1701 W. Burnsville Parkway, Apt 210	City Burnsville	State & Zip Code or Country Minnesota 55337-USA
Signature of Inventor		Date

Full Name of Fourth Inventor, if any		
Family Name Zhang	First Given Name Boying	Second Given Name Barry
Residence and Citizenship		
City of Residence Lawrenceville	State or Country of Residence New Jersey	Country of Citizenship USA
Post Office Address		
Street Address 10 Stonicker Drive	City Lawrenceville	State & Zip Code or Country New Jersey 08648--USA
Signature of Inventor		Date

Altera Law Group, LLC**Declaration and Power of Attorney Patent Application
(Design or Utility)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:
POLARIZATION BEAM SEPARATOR AND COMBINER

the specification of which

- ☒ is referred to by Altera reference number 980.1078US01 on a separate document
☐ is attached hereto
☐ was filed on _____ as application serial no. _____ and or PCT International
Application number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information know to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 35 U.S.C. §365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate of PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)		
Number	Country	Day/Month/Year Filed
Number	Country	Day/Month/Year Filed
Number	Country	Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s)	
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under 35 U.S.C. §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Prior U.S. or International Application(s)		
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Steven R. Funk Reg. No. 37,830
David W. Lynch Reg. No. 36,204
Karen D. McDaniel Reg. No. 37,674
Michael T. Wallace Reg. No. 45,420

Mark A. Hollingsworth Reg. No. 38,491
Michael B. Lasky Reg. No. 29,555
Iain A. McIntyre Reg. No. 40,337

I hereby authorize them or others whom they may appoint to act and rely on instructions from and communicate directly with the person/organization who/which first sends this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Altera Law Group, LLC otherwise.

Please direct all correspondence in this case to Altera Law Group, LLC at the address indicated below:

Iain A. McIntyre
Altera Law Group, LLC
6500 City West Parkway - Suite 100
Minneapolis, MN 55344-7701

Full Name of Sole or First Inventor		
Family Name	First Given Name	Second Given Name
Wu	Pingfan	P.
Residence and Citizenship		
City of Residence	State or Country of Residence	Country of Citizenship
Willingboro	New Jersey	People's Republic of China
Post Office Address		
Street Address	City	State & Zip Code or Country
29 Harrison Drive	Willingboro	New Jersey 08046--USA
Signature of Inventor		Date

Full Name of Second Inventor, if any		
Family Name	First Given Name	Second Given Name
Lu	Liang-Ju	
Residence and Citizenship		
City of Residence	State or Country of Residence	Country of Citizenship
Eden Prairie	Minnesota	USA
Post Office Address		
Street Address	City	State & Zip Code or Country
15815 Scenic Heights Road	Eden Prairie	Minnesota 55344--USA
Signature of Inventor <i>Liang-Ju Lu</i>		Date

Full Name of Third Inventor, if any		
Family Name Yang	First Given Name Zhicheng	Second Given Name
Residence and Citizenship		
City of Residence Burnsville	State or Country of Residence Minnesota	Country of Citizenship <i>People's</i> Republic of China
Post Office Address		
Street Address 1701 W. Burnsville Parkway, Apt 210	City Burnsville	State & Zip Code or Country Minnesota 55337-USA
Signature of Inventor <i>Zhicheng Yang</i>		Date <i>Oct. 8, 2001</i>

Full Name of Fourth Inventor, if any		
Family Name Zhang	First Given Name Boying	Second Given Name Barry
Residence and Citizenship		
City of Residence Lawrenceville	State or Country of Residence New Jersey	Country of Citizenship USA
Post Office Address		
Street Address 10 Stonicker Drive	City Lawrenceville	State & Zip Code or Country New Jersey 08648--USA
Signature of Inventor		Date

Altera Law Group, LLC

**Declaration and Power of Attorney Patent Application
(Design or Utility)**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

POLARIZATION BEAM SEPARATOR AND COMBINER

the specification of which

- ☒ is referred to by Altera reference number 980.1078US01 on a separate document
☐ is attached hereto
☐ was filed on _____ as application serial no. _____ and or PCT International
Application number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information know to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 35 U.S.C. §365(b) of any foreign application(s) for patent or inventor's certificate, or 35 U.S.C. §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate of PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)		
Number	Country	Day/Month/Year Filed
Number	Country	Day/Month/Year Filed
Number	Country	Day/Month/Year Filed

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

Prior Provisional Application(s)	
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date
Serial Number	Day/Month/Year Filing Date

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s), or under 35 U.S.C. §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Prior U.S. or International Application(s)		
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)
Serial Number	Day/Month/Year Filed	Status (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Power of Attorney

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Steven R. Funk Reg. No. 37,830
David W. Lynch Reg. No. 36,204
Karen D. McDaniel Reg. No. 37,674
Michael T. Wallace Reg. No. 45,420

Mark A. Hollingsworth Reg. No. 38,491
Michael B. Lasky Reg. No. 29,555
Iain A. McIntyre Reg. No. 40,337

I hereby authorize them or others whom they may appoint to act and rely on instructions from and communicate directly with the person/organization who/which first sends this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Altera Law Group, LLC otherwise.

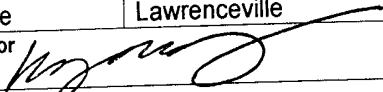
Please direct all correspondence in this case to Altera Law Group, LLC at the address indicated below:

Iain A. McIntyre
Altera Law Group, LLC
6500 City West Parkway - Suite 100
Minneapolis, MN 55344-7701

Full Name of Sole or First Inventor		
Family Name Wu	First Given Name Pingfan	Second Given Name P.
Residence and Citizenship		
City of Residence Willingboro	State or Country of Residence New Jersey	Country of Citizenship Republic of China
Post Office Address		
Street Address 29 Harrison Drive	City Willingboro	State & Zip Code or Country New Jersey 08046--USA
Signature of Inventor		Date

Full Name of Second Inventor, if any		
Family Name Lu	First Given Name Liang-Ju	Second Given Name
Residence and Citizenship		
City of Residence Eden Prairie	State or Country of Residence Minnesota	Country of Citizenship USA
Post Office Address		
Street Address 15815 Scenic Heights Road	City Eden Prairie	State & Zip Code or Country Minnesota 55344--USA
Signature of Inventor		Date

Full Name of Third Inventor, if any		
Family Name Yang	First Given Name Zhicheng	Second Given Name
Residence and Citizenship		
City of Residence Burnsville	State or Country of Residence Minnesota	Country of Citizenship Republic of China
Post Office Address		
Street Address 1701 W. Burnsville Parkway, Apt 210	City Burnsville	State & Zip Code or Country Minnesota 55337-USA
Signature of Inventor		Date

Full Name of Fourth Inventor, if any		
Family Name Zhang	First Given Name Boying	Second Given Name Barry
Residence and Citizenship		
City of Residence Lawrenceville	State or Country of Residence New Jersey	Country of Citizenship USA
Post Office Address		
Street Address 10 Stonicker Drive	City Lawrenceville	State & Zip Code or Country New Jersey 08648--USA
Signature of Inventor 		Date Nov 1, 2001

11/1/2001 10:00:00 AM